



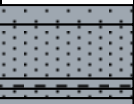

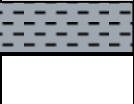




## Sample Description For Virginia Beach Geoprobe Site 62D 11

Depth	Lithology	Recovery	Description
0-4			Driller Note: Skipping upper 4 ft to save liners - running low
4-8		90	Tan sand. At or near the WT at 4 ft.
8-12	 	100	Liner split during retrieval. Collected 3 jar samples. Material is a med to coarse sand interbedded at the 0.5 ft scale. At 10 ft is a thin (0.3 ft) lense of sandy silt. Material just below the silt layer is a dark orangish tan, coarse sand. At 11 ft the material becomes gray in color, but by 12 ft is orange again.
12-14			
14-18		100	14-16 ft: tannish-brown, coarse sand. Colored grains abundant. Grades to a grayish-tannish-brown, med sand continuing to 18 ft. SC = 340 $\mu$ S/cm.
18-20			
20-24		100	Upper zone is a gray, upper med to lower coarse sand. Grades to a lower med sand by 21 ft and continues to fine down to 23.5 ft. Interfingers of silty fine to med sand and fine to v fine sandy silt continue to 24 ft. 1 drill flight of very muddy water. Little free water in sample.
24-28			Driller Note: 24-30 ft was very easy to drive - no hammering.
28-30		90	Gray, soft, v plastic, silty clay to clayey silt. No sand.
30-40			Driller Note: 30-38.5 ft was the same easy pushing as 24-30 ft. Slightly more resistance to pushing starting around 38.5 ft.
40-42		100	1-2 cm scale interbedding of gray, shelly, sandy silt and gray, silty, shelly sand. Material has little free water and no water was in the drill flights.
42-47			Driller Note: Driving became a little harder at 46.5 ft - hammering now needed.
47-49		90+	Lost upper 1 ft of liner and sample during retrieval from barrel. Material is uniform throughout the the interval: gray, upper fine to med qtz sand. DM and mica abundant. Sample and water was draining out of the end of the liner upon retrieval, suggesting good water bearing unit.

### Sample Description For Virginia Beach Geoprobe Site 62D 11

49-55			Driller Note: Hard drilling beginning at 49 ft. Even harder at 54 ft. Stopped dead at 55 ft.
55-57		not noted	Gray, clean, coarse to med sand. Colored grains abundant. Slightly silty at 57 ft. SC = 271 $\mu$ S/cm.